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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2183

Examiner David J. Huisman

In Re: Enric Musoll et al.
Case: P3810
Serial No.: 09/595,776
Filed: 06/16/2000
Subject: Methods and Apparatus for Improving Fetching and Dispatch of
Instructions in Multithreaded Processors

OFFICIAL

To: The Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Letter to Examiner

It has come to our attention that the priority data recognized by the USPTO fails to acknowledge application s/n 09/312,302. We include a copy of the Declaration and Power of Attorney and the first page of the specification of the instant application, as filed on 06/16/2000, as evidence of intention to include application s/n 09/312,302 as priority.

Applicant respectfully requests the continuity data be corrected to include application s/n 09/312,302, as indicated on the marked-up PAIR page attached. If there are any fees due please charge any deficiency to Deposit Account No. 50-0534.

Respectfully submitted,
Enrique Musoll et al.
by



Donald R. Boys
Reg. No. 35,074

Central Coast Patent Agency, Inc.
P.O. Box 187
Aromas, CA 95004
(831) 726-1457

**DECLARATION AND POWER OF ATTORNEY FOR PATENT
APPLICATION
ATTORNEY DOCKET NO. P3810**

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Methods and Apparatus for Improving Fetching and Dispatch of Instructions in Multithreaded Processors

the specification of which (check one) ☒ is attached hereto.

- ☐ was filed on:
☐ Application Serial No.
☐ and was amended on
(If applicable)

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, s 1.56 (a). In the case that the present application is a continuation-in-part application, I further acknowledge the duty to disclose material information as defined in 37 CFR s 1.56(a) which became available between the filing date of the prior application and the filing date of the present application. I hereby claim foreign priority benefits under Title 35, United States Code s119 of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	(Number)	(Country)	(Day/Month/Year Filed)
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(Number)	(Country)	(Day/Month/Year Filed)
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I hereby claim the benefit under Title 35, United States Code, s120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, s112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, s156(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.):	<u>09/216.017</u>	(Filing Date):	<u>12/16/1998</u>	(Status):	<u>pending</u>
(Application Serial No.):	<u>09/240.012</u>	(Filing Date):	<u>01/27/1999</u>	(Status):	<u>pending</u>
(Application Serial No.):	<u>09/273.810</u>	(Filing Date):	<u>03/22/1999</u>	(Status):	<u>pending</u>
(Application Serial No.):	<u>09/312.302</u>	(Filing Date):	<u>05/14/1999</u>	(Status):	<u>pending</u>
(Application Serial No.):	_____	(Filing Date):	_____	(Status):	_____

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.
(List name and registration number)

Name: Donald R. Boys

Reg. No. 35,074

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Donald R. Boys
P.O. Box 187
Aromas, CA 95004

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Donald R. Boys (831) 726-1457

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Enric Masoll

1st inventor's signature: _____

Dated: 6/15/00

Residence: 7210 Via Romero, San Jose, CA, 95139 Citizenship: Spain

Post Office Address: Same

Full name of 2nd joint inventor, if any: Mario Nemirovsky

2nd inventor's signature: _____

Dated: 6/15/00

Residence: Saratoga, CA Citizenship: USA

Post Office Address: 750 University Ave., Los Gatos, CA, 95042

Full name of 3rd joint inventor, if any:

3rd inventor's signature: _____

Dated:

Residence: _____ Citizenship:

Post Office Address: _____

Full name of 4th joint inventor, if any:

4th inventor's signature: _____

Dated:

Residence: _____ Citizenship:

Post Office Address:

Full name of 5th joint inventor, if any:

5th inventor's signature: _____

Dated:

Residence: _____ Citizenship:

Post Office Address:

Full name of 6th joint inventor, if any:

6th inventor's signature: _____

Dated:

Residence: _____ Citizenship:

Post Office Address:

Full name of 7th joint inventor, if any:

7th inventor's signature: _____

Dated:

Residence: _____ Citizenship:

Post Office Address:

Full name of 8th joint inventor, if any:

8th inventor's signature: _____

Dated:

Residence: _____ Citizenship:

Post Office Address:

Declaration and Power of Attorney- Page 2

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**Methods and Apparatus for Improving Fetching and Dispatch of
Instructions in Multithreaded Processors**

by inventors Enric Musoll and Mario Nemirovsky

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Field of the Invention

The present invention is in the area of microprocessors, and pertains
more particularly to structure and function of simultaneous multithreaded
10 processors.

Cross Reference to Related Documents

The present application is a continuation-in-part (CIP) of prior co-
15 pending patent applications 09/216,017, filed 12/16/98, 09/240,012, filed
1/27/99, 09/273,810, filed 3/22/99 and 09/312,302 filed 5/14/99 all four of
which are incorporated herein in their entirety by reference.

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Background of the Invention

Multi-streaming processors capable of processing multiple threads
are known in the art, and have been the subject of considerable research and
development. The present invention takes notice of the prior work in this
25 field, and builds upon that work, bringing new and non-obvious
improvements in apparatus and methods to the art. The inventors have
provided with this patent application an Information Disclosure Statement
listing a number of published papers in the technical field of multi-streaming
processors, which together provide additional background and context for
30 the several aspects of the present invention disclosed herein.